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SOURCE Mineral'no-syr'yevaya baza SSSR -- Ugol' (Mineral Resources of the USSR -- Coal), Central Geological and Prospecting Institute.

USSR FUEL CONSUMPTION PATTERN

Tables 1 and 2 show that both for the USSR as a whole and for the major consumers of fuel in the USSR there has been a decrease in the relative share of expenditures for fuel oil and wood and a considerable increase in the use of coal and peat.

Table 1 also shows that the consumption of Donets coal, which increased in absolute figures by 76.3 percent, has at the same time decreased in relative proportion to the total consumption of fuel from 46.3 percent in 1932 to 43 percent in 1937. At the same time, consumption of Kuznetsk coal increased absolutely by 136.2 percent and relatively from 7.7 to 9.5 percent. A still greater increase is shown in the case of "other basins," i.e., 335 percent in absolute figures and from 7.8 to 17.8 percent in relative figures. These figures clearly illustrate the great changes which the Second Five-Year Plan introduced in the use pattern of coal in the USSR.

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Table 1. Consumption Pattern

	1936		1937		
	Consumption (in million MT of conven- tional fuel)	Percent of Total	Consumption (in million MT of conven- tional fuel)	Percent of Total	1937 Per- centage of 1936
Wood	14.22	15.4	17.77	10.2	125.0
Peat	3.84	4.2	9.22	5.3	240.1
Shale	0.05	-	0.78	0.4	-
Coal	56.93	61.8	123.12	70.3	216.2
Including:					
Donets Basin	42.70	46.3	75.27	43.0	176.3
Kuznetsk Basin	7.07	7.7	16.70	9.5	236.2
Other basins	7.16	7.8	31.15	17.8	435.0
Fuel oil	17.13	18.6	24.11	13.8	140.8
Total	92.17	100.0	175.00	100.0	189.8

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Table 2. Changing Consumption Pattern

<u>Consumer</u>	<u>Fuel Oil</u>		<u>Wood</u>		<u>Peat</u>		<u>Coal</u>		<u>Including Donets Basin</u>	
	1932	1937	1932	1937	1932	1937	1932	1937	1932	1937
Railroads	17.8	8.4	5.9	6.0	-	0.2	76.3	85.4	51.1	48.9
Water transport	42.5	41.2	21.6	14.6	-	-	35.9	44.2	25.8	23.6
Ferrous metallurgy (without coking)	22.2	15.4	9.0	6.4	0.5	1.2	66.3	77.0	44.3	38.7
Machine building	36.6	22.5	14.2	7.6	2.0	9.3	47.2	60.6	42.3	40.4
Chemistry	16.9	5.9	20.0	9.9	3.0	10.7	59.3	73.5	39.5	33.8
Light industry	13.6	8.6	32.8	24.0	22.3	33.0	31.3	34.4	29.3	22.3
Food industry	11.1	8.6	22.2	14.8	5.0	8.8	61.7	67.1	53.9	45.0
Regional electric stations	19.3	4.1	3.5	0.8	17.8	19.4	59.4	74.9	44.6	41.2

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